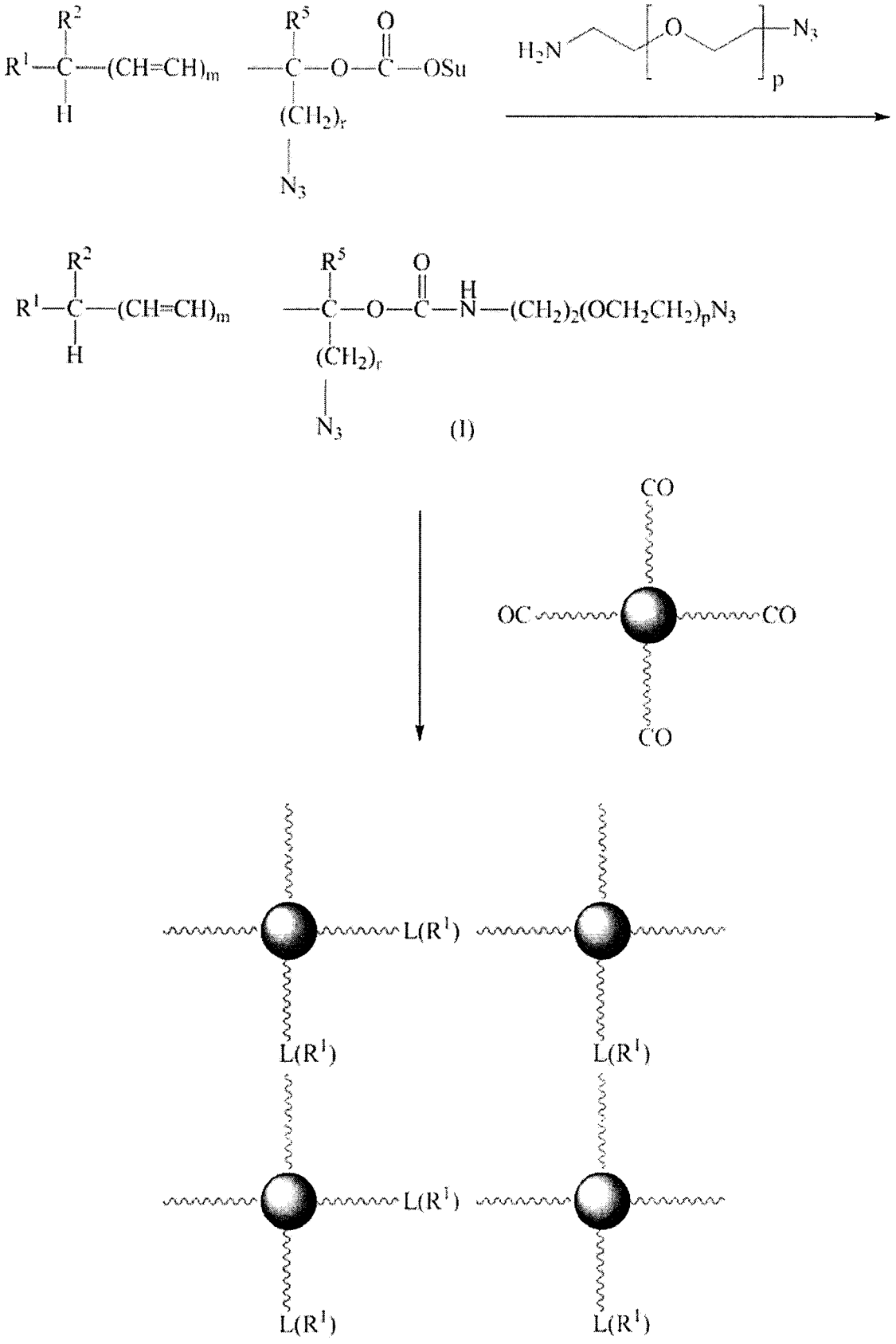

R2
R1—C—(CH=CH)m
H
R5
O
C—O—C—OSu
(CH2)r
N3
H2N
O
N3
p
R2
R1—C—(CH=CH)m
H
R5
O
C—O—C—N—(CH2)2(OCH2CH2)pN3
H
(CH2)r
N3
(I)
CO
OC
CO
CO
L(R1)
L(R1)
L(R1)
L(R1)
L(R1)
L(R1)

Figure 1

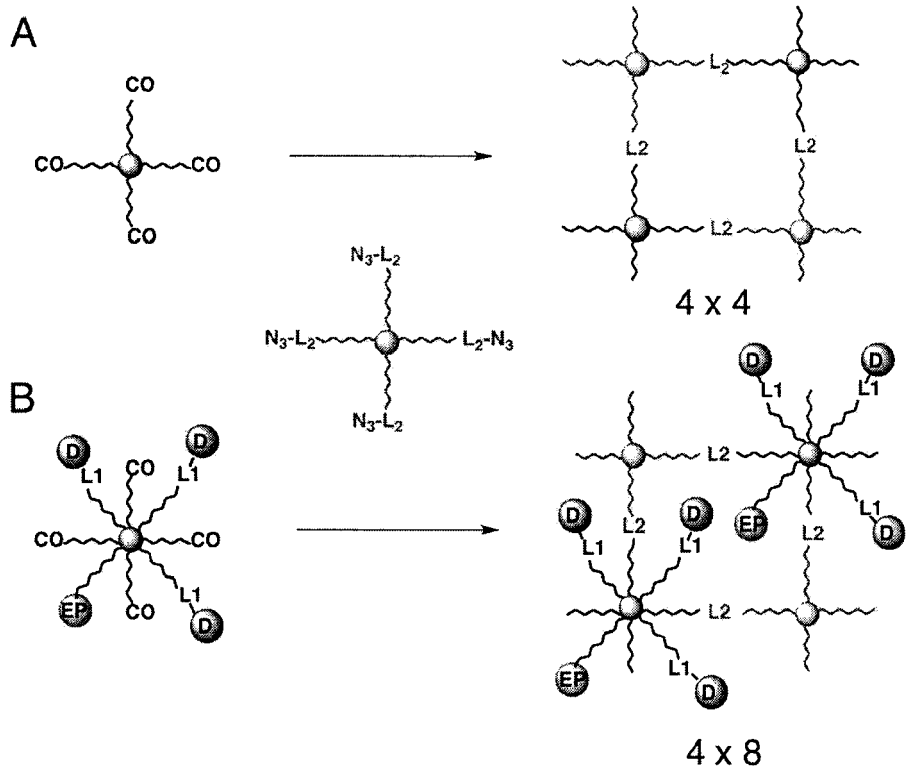


Figure2

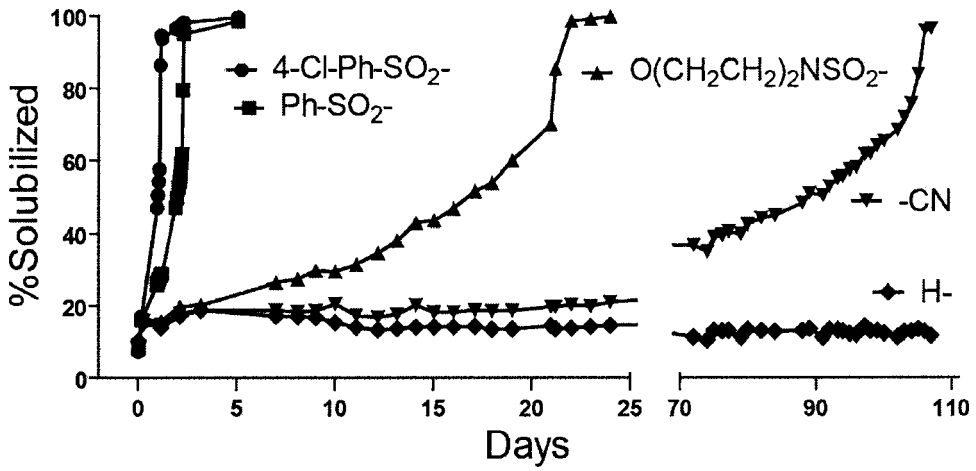


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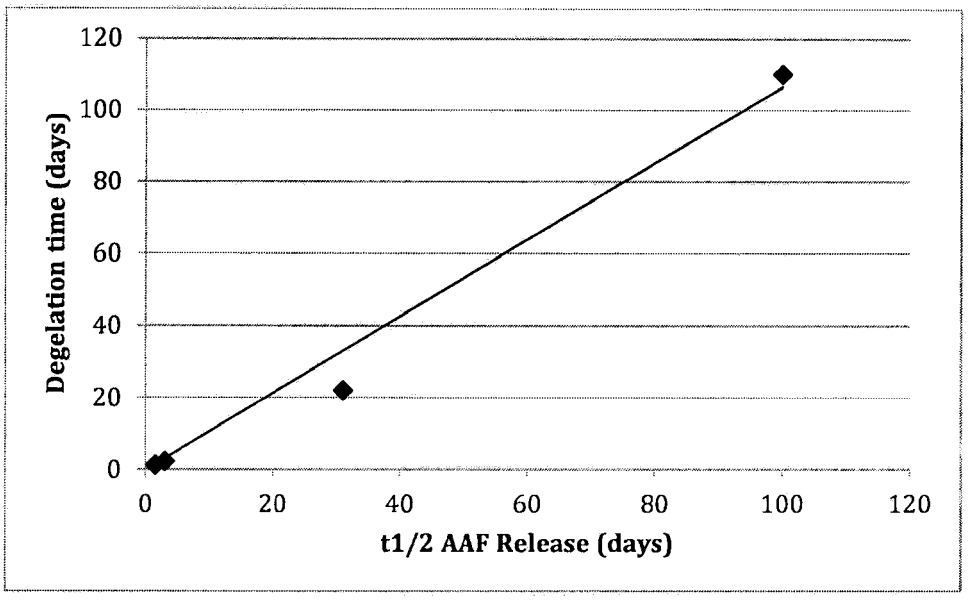


Figure 4

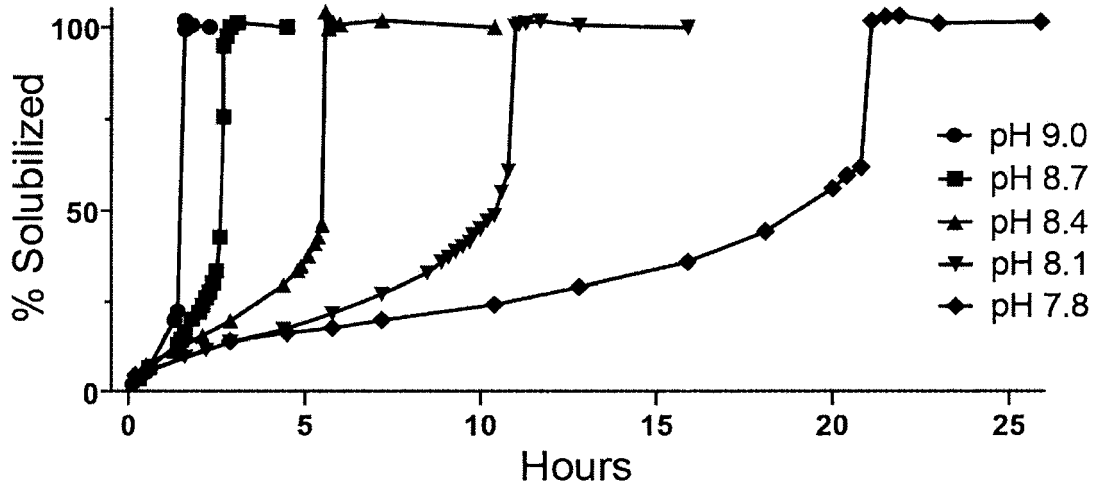


Figure 5

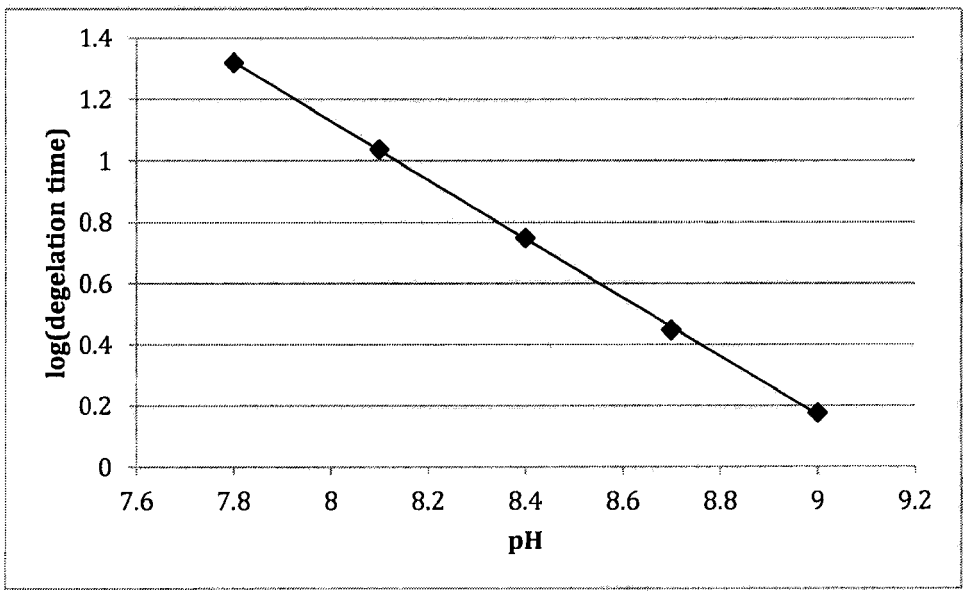


Figure 6

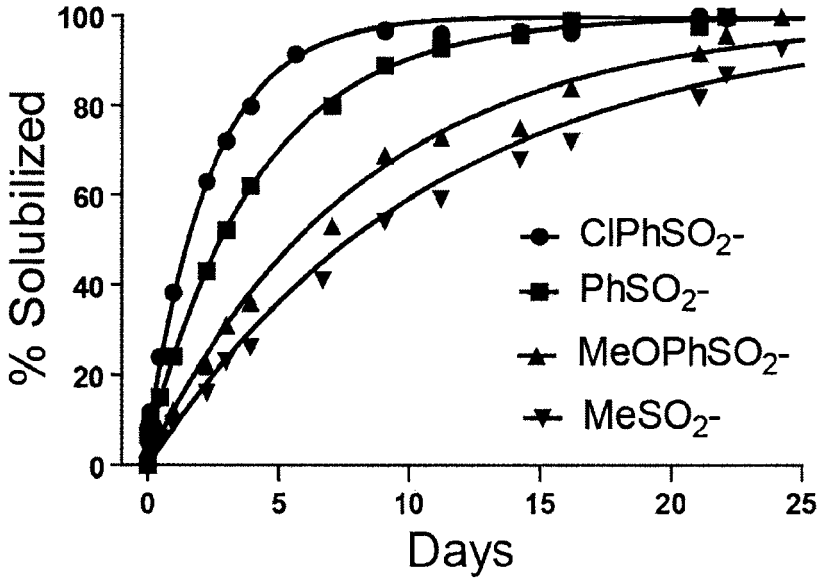


Figure 7

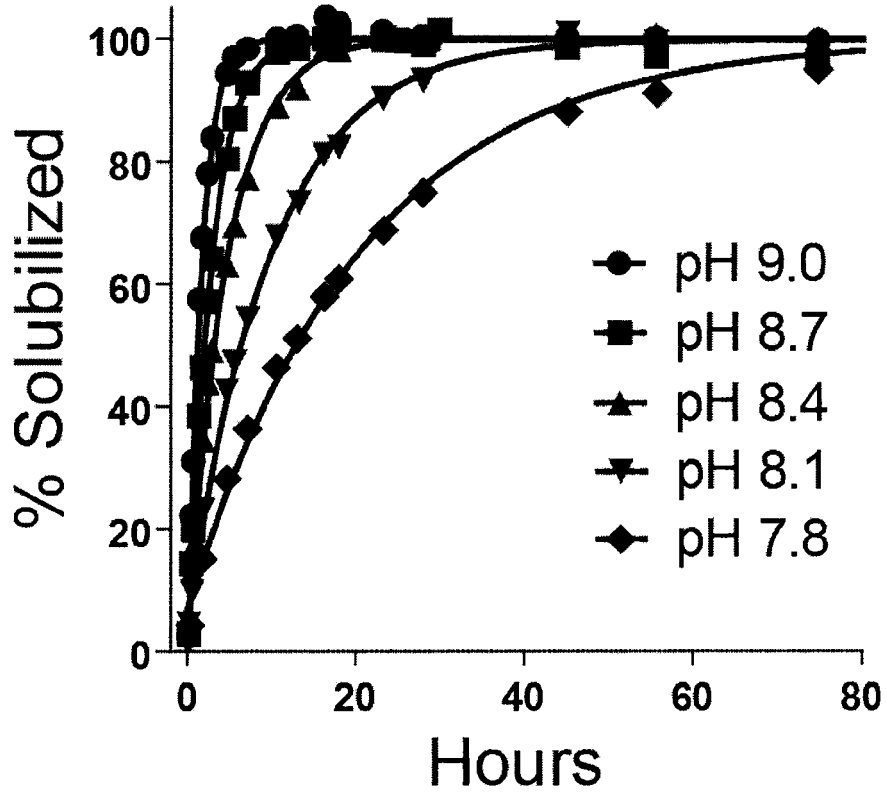


Figure 8

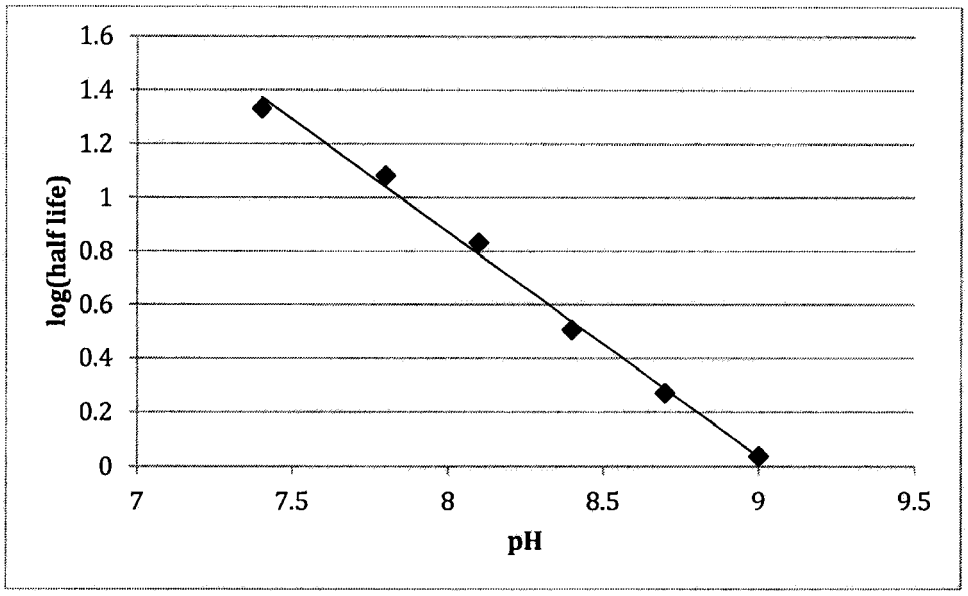


Figure 9

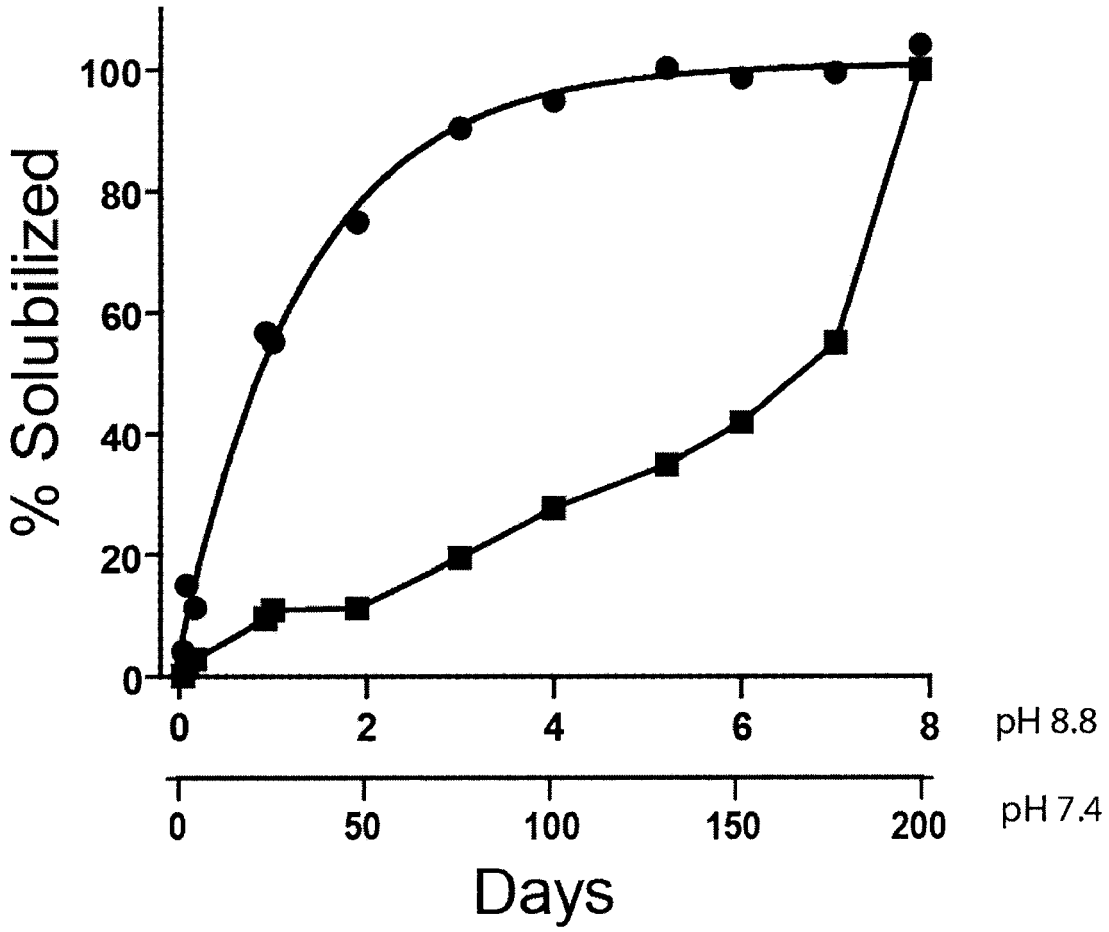


Figure 10

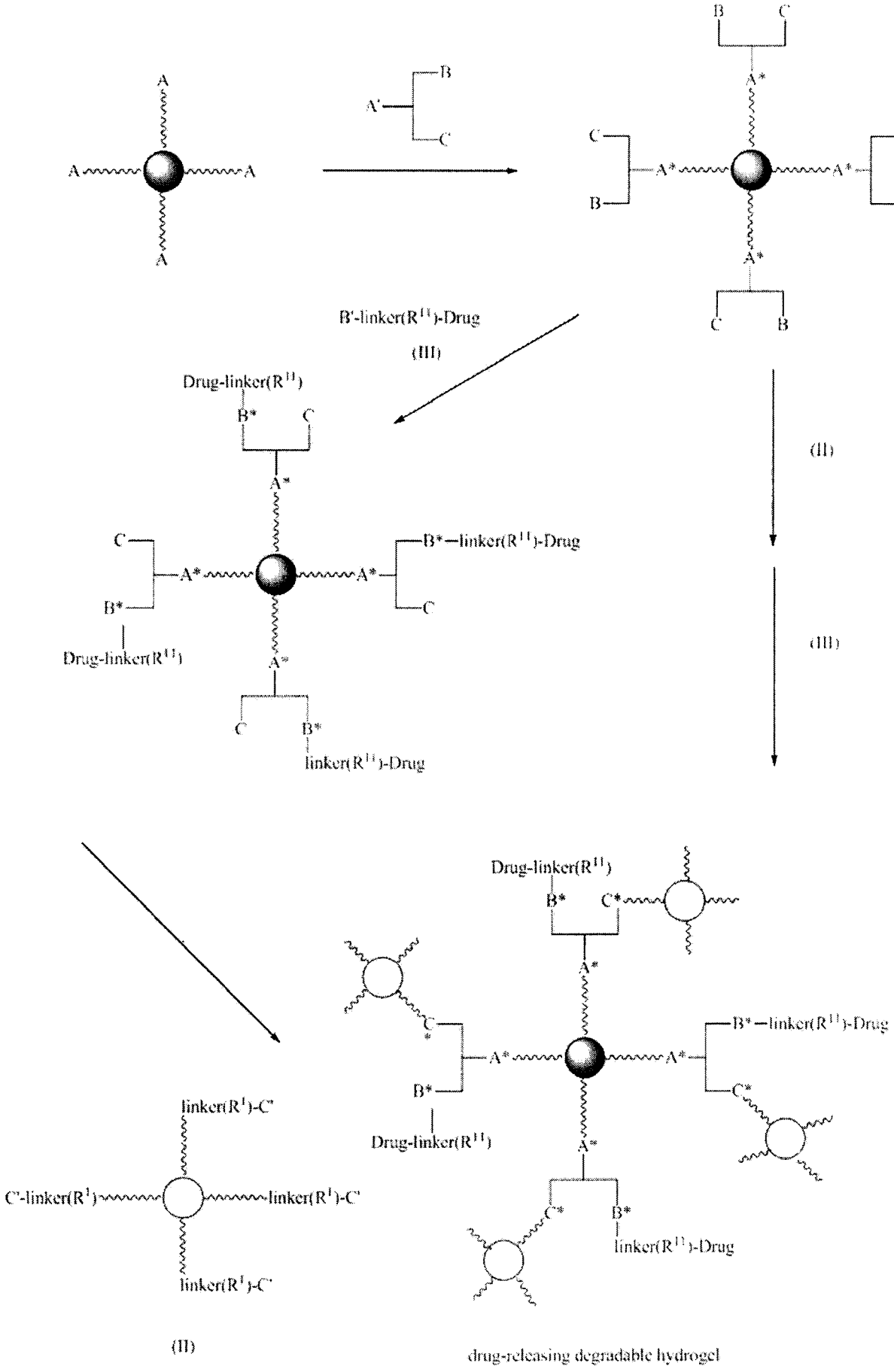

A
A'
B
C
A*
B'-linker(R11)-Drug
(III)
Drug-linker(R11)
B*
(II)
B*—linker(R11)-Drug
linker(R11)-Drug
linker(R1)-C'
C'-linker(R1)
C*
drug-releasing degradable hydrogel

Figure 11